

NextWave Partnered with Airspan to Build New York's Private Wide-Area Network

Industry
Urban
Development

Location
New York, USA

Partner
NextWave

End User
New York Metro

Reference

Overview

NextWave, a private network service provider partnered with Airspan to leverage their Band 41 (2.5 GHz) spectrum capabilities to provide uniquely wide-area private network coverage in New York's in-facility 5G coverage and urban 4G+5G transportation channels. NextWave aims to offer seamless high-speed mobile networking for mission-critical services.



Challenges

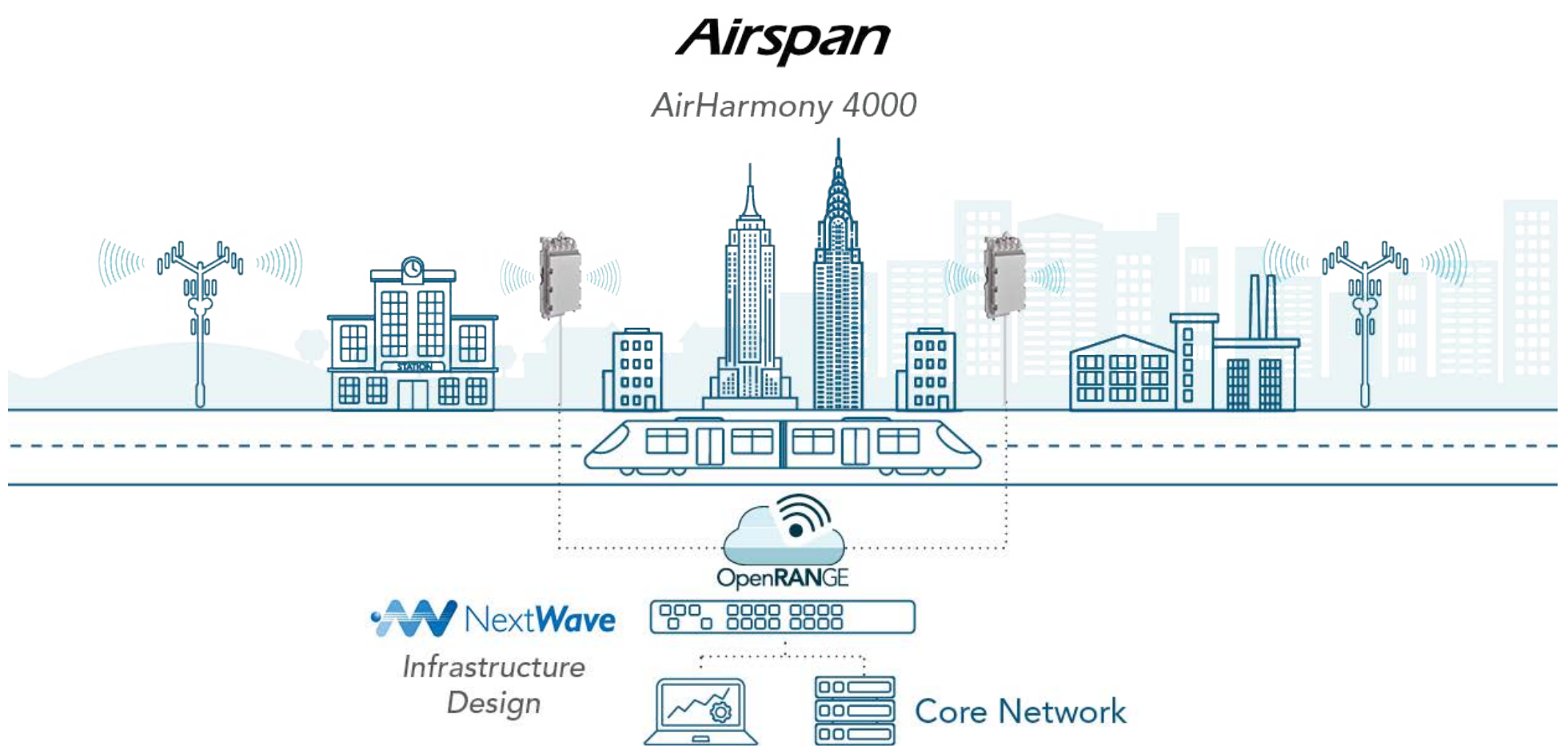


The required solutions to build a private WAN infrastructure is 5G and a hybrid 4G+5G. The scope of phase-one deployment covers large portions of Manhattan and surrounding boroughs, including transportation and industrial hubs; the second phase, will cover the entire New York metro area of approximately 15 million people.

Solution & Benefits

AirHarmony4000 played a prominent role in the success of NextWave's project. Airspan is one of Airspan's 4G outdoor products. NextWave deployed 120 AirHarmony4000 enodeB units.

NextWave's New York metro service is one of the first private networks to prioritize seamless transitions between in-facility 5G coverage and urban 4G+5G transportation channels. This will allow private network users to maintain high levels of security and performance, even when they leave their facility, with the added value of this spectrum being supported by popular smartphones and other widely available mobile broadband devices. With NextWave's partnership with Airspan there will be an upcoming plan to bring similar private network operations to San Francisco, Los Angeles, and Philadelphia.



Airspan

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